



ADX413T

**RCBO 4P 10kA C-13A 30mA A**

**Technical properties**

**Electric current**

Rated current	13 A
Rated residual operating current I <sub>dn</sub>	30 mA
Rated current -25°C	15,50 A
Rated current at -20°C	15,30 A
Rated current -15°C	15,10 A
Rated current -10°C	14,90 A
Rated current -5°C	14,70 A
Rated current at 0°C	14,40 A
Rated current 5°C	14,20 A
Rated current 10°C	14 A
Rated current 15°C	13,70 A
Rated current at 20°C	13,50 A
Rated current 25°C	13,30 A
Rated current 30°C	13 A
Rated current 35°C	12,70 A
Rated current at 40°C	12,50 A
Rated current at 45°C	12,20 A
Rated current at 50°C	11,90 A
Rated current 55°C	11,60 A
Rated current 60°C	11,30 A
Rated service breaking capacity I <sub>cs</sub> AC according to IEC 60898-1	7,50 kA

**Architecture**

Curve	C
Neutral position	Right
Type of pole	4P
Number of protected poles	4

**Capacity**

Number of modules	4
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**Safety**

Residual current type	A
Ingress Protection (IP) class	IP20

**Voltage**

Type voltage supply	AC
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Rated operational voltage Ue	240 - 415 V
Rated insulation voltage Ui	500 V
Dielectric strength value of power frequency	2 kV
Rated impulse withstand voltage Uimp	4000 V
<b>Main electrical attributes</b>	
Rated short-circuit breaking capacity Icn AC according to IEC 60898-1	10 kA
Nominal tightening torque down terminal	2 - 2 Nm
Nominal tightening torque top terminal	2 - 2 Nm
<b>Frequency</b>	
Frequency	50 - 50 Hz
<b>Connection</b>	
Cross-section of input with screws, for flexible conductors	1 - 16 mm <sup>2</sup>
Cross-section of input with screws, for massive conductors	1 - 25 mm <sup>2</sup>
<b>Installation, mounting</b>	
Nominal tightening torque	2 - 2 Nm
360° mounting position possible	Yes
Type of top connection for modular devices	Screw terminal
Type of bottom connection for modular devices	biconnect, Bypass
<b>Use conditions</b>	
Class of energy limitation I <sup>2</sup> t	3
Degree of pollution according to IEC 60664 / IEC 60947-2	2
Operating temperature	-25 - 40 °C
<b>Dimensions</b>	
Height	84 mm
Width	71 mm
Depth	70 mm
<b>Power</b>	
Total power loss under IN	10,10 W